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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 09/497,943

Filing Date 02/04/2000

First Named Inventor Behlke

Group Art Unit 1634

Examiner Name Bradley L. Sisson

Total Number of Pages in This Submission 32

Attorney Docket Number Starfire

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☒ Fee Attached

☒ Amendment / Reply

☐ After Final

☐ Affidavits/declaration(s)

☒ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers (for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☒ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):

Statement Under 37 CFR 3.73(b)

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Remarks

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Robert Gould
Vice President of Intellectual Property
Integrated DNA Technologies, Inc.

Signature

Robert Gould

Date

10/23/2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: October 23, 2002

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Robert Gould

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Behlke et al.

Art Unit: 1634

Application No. 09/497,943

Examiner: Bradley L. Sisson

Filed: February 4, 2000

For: Primer extension methods for production
of high specific activity nucleic acid
probes

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AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated April 23, 2002, please enter the following amendments and consider the following remarks. Applicant's submit concurrently herewith (1) Exhibit A, a marked up version of the pending claims, with deletions indicated by brackets and additions underlined (2) Exhibit B, a copy of the claims as will be pending following entry of the amendments made herein; (3) a Petition for Extension of Time for three months, up to and including October 23, 2002 and check for \$460; (4) Revocation of Power of Attorney; and (5) Statement Under 37 CFR 3.73(b).

AMENDMENTS

IN THE CLAIMS:

Kindly delete claim 42,

replace the indicated claims with:

29. A method of labeling a nucleic acid molecule, comprising the steps of:
- hybridizing a first nucleic acid to a second nucleic acid, wherein the first nucleic acid comprises, from 3' to 5': a Substrate Hybridization Domain and a Signal Template Domain, wherein:
 - the Substrate Hybridization Domain consists of a sequence of less than 10 nucleotides; and
 - the Signal Template Domain comprises a sequence of about 5 to about 100 nucleotides;
- and the second nucleic acid comprises, from 3' to 5': a Template Hybridization Domain and a Target Binding Domain, wherein:

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